

9,268' to Bottom Hole

4,198' to Top Hole

TOP HOLE LATITUDE 39 - 22 - 30
BTM HOLE LATITUDE 39 - 20 - 00

TOP HOLE LONGITUDE 80 - 47 - 30
BTM HOLE LONGITUDE 80 - 45 - 00

GRID NORTH
15,064' to Top Hole
10,620' to Bottom Hole

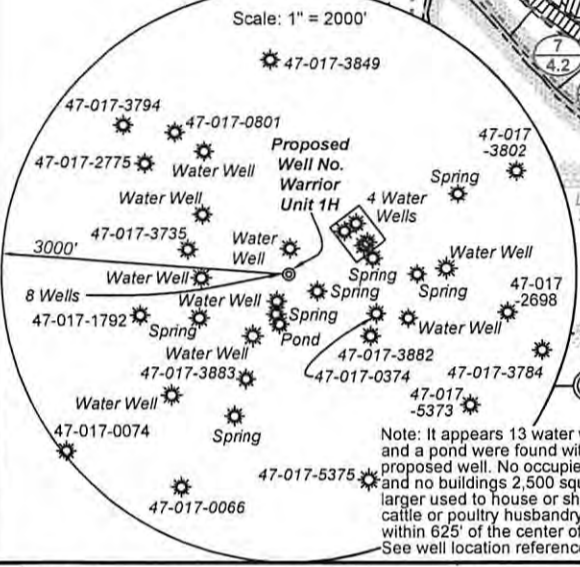
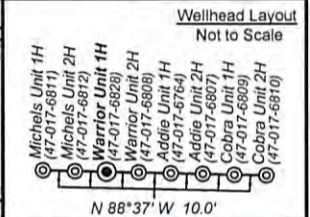
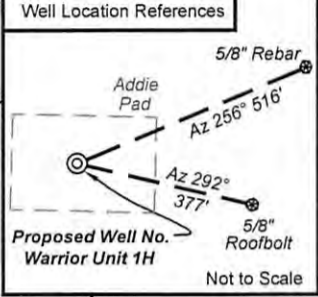
Antero Resources
Well No. Warrior Unit 1H
Antero Resources Corporation

Notes:
Well No. Warrior Unit 1H
UTM Zone 17, NAD 1927
Top Hole Coordinates
N: 14,283,414.53'
E: 1,695,345.40'
Point of Entry Coordinates
N: 14,283,756.28'
E: 1,697,431.34'
Bottom Hole Coordinates
N: 14,272,630.76'
E: 1,702,021.27'

Legend
⊙ Proposed gas well
⊙ Found corner, as noted
⊙ Existing Well, as noted
--- Creek or Drain
--- Existing Road
--- Surface boundary (approx.)
--- Interior surface tracts (approx.)

Notes:
West Virginia Coordinate System of 1927, North Zone
based upon Differential GPS Measurements.
Well No. Warrior Unit 1H Top Hole coordinates are
N: 306,253.85' Longitude: 80°20'00.52"
E: 1,630,668.01' Longitude: 80°48'20.67"
Bottom Hole coordinates are
N: 295,356.39' Longitude: 39°18'13.75"
E: 1,637,165.35' Longitude: 80°46'56.01"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,353,811.287m N: 4,350,524.432m
E: 516,756.738m E: 518,791.537m
Plat orientation and corner and well references
are based upon the grid north meridian.
Well location references are based upon the magnetic meridian.

Leases
A. Champion Agate Co., Inc. Lease
B. Champion Agate Co., Inc. Lease
C. Andrew Lett, et ux Lease
D. Champion Agate Co., Inc. Lease
E. Roy Blake, et ux Lease
F. Claude L. Smith, et ux Lease



Note: It appears 13 water wells, 7 springs and a pond were found within 2000' of proposed well. No occupied dwellings and no buildings 2,500 square feet or larger used to house or shelter dairy cattle or poultry husbandry are located within 625' of the center of the well pad. See well location references for details.

(---) Denotes Location of Well on United States Topographic Maps

TM/Par	Owner	Bk/Pg	Acres
1 3/17	Antero Resources Corp.	349/553	25.90
2 3/17.1	Antero Resources Corp.	358/562	9.90
3 3/21.1	Charles & Carol Coltrill	256/479	3.00
4 3/21	Addie Marie Leadman	250/84	19.84
5 7/17.4	Charity Gas Inc.	264/421	2.27
6 7/21	Elizabeth Anne Spencer, Ian Fredrick & Joseph Burton	AP41/583	14.0
7 7/23.1	Nelson Bruffy Jr.	181/224	0.52
8 29/41	Ronald R. Shaw	321/185	Lot 161
9 29/41.1	Ronald R. Shaw	321/185	p/o 160
23 29/41.3	H. Ross Jr. & Carol S. Swiger	305/9	p/o 160
10 29/41.2	H. Ross Jr. & Carol S. Swiger	271/175	p/o 160
11 29/42	H. Ross Jr. & Carol S. Swiger	271/175	Lot 159
12 7/3.2	Andrew E. & Loria A. Lett	297/311	12.00
13 30/46	John P. & D. Frances Davis	262/308	Lot 39
14 30/47	John D. Morris Family Trust	WB 30/597	Lot 40
15 30/48	Michael C. & Kellie M. Murray	266/278	Lot 41
16 30/49	Roy G. & Rebecca Griffith	280/647	Lot 42
17 7/17.5	Charity Gas Inc.	264/421	4.81
18 7/14.3	Kevin Nowlin	229/615	1.75
19 7/14.4	Kevin Nowlin	229/615	1.79
20 7/17.6	Ernest E. & Catherine Sue Blake	274/687	2.00
21 7/31	William Bonnell, & Jonathan B. Sheets	305/661	1.80
22 7/17.1	Richard Roy Blake Jr., et al	AP 35/208	3.00
23 11/2	Sharon K. & Paul D. Weekley	220/499	12.00
24 11/3	Genevieve V. Freeman	228/15	16.50
25 11/41	Paul D. & Sharon K. Weekley	186/743	17.30
26 11/4.1	Mary Lou Holland	286/313	9.55



I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.
Kenneth J. Plum
Kenneth J. Plum, P.S. 2216



FILE NO: 52-30-WU-14
DRAWING NO: 52-14 Warrior 1H Well Plat
SCALE: 1" = 1500'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: WVDOT, Harrisville, WV

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: July 27 20 17
OPERATOR'S WELL NO. Warrior Unit 1H
API WELL NO. 47-017-06828
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION: ELEVATION: Existing Grade 895' Proposed Grade 890' WATERSHED: Headwaters Middle Island Creek QUADRANGLE: West Union
DISTRICT: West Union COUNTY: Doddridge
SURFACE OWNER: Antero Resources Corp. ACREAGE: 25.9
ROYALTY OWNER: J.C. Smith, Agent for Jacob Smith Estate; Dorothy A. Pigott, AIF, et al; Ida F. Ford (2) LEASE NO: ACREAGE: 112; 100; 140; 600
PROPOSED WORK: DRILL CONVERT DRILL DIRECT PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) Modify Bottom Hole Location
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 19,800' MD 6,900' TVD

WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Dianna Stamper - CT Corporation System
ADDRESS: 1615 Wynkoop Street ADDRESS: 5400 D Big Tyler Road
Denver, CO 80202 Charleston, WV 25313

RECEIVED
OFFICE OF OIL AND GAS
AUG 04 2017